

~~control arm bracket, a front cab mount, a front box mount, a rear spring front bracket,
an intermediate box bracket, a rear spring rear bracket and a rear bumper bracket.~~

4. The method defined in Claim 1 wherein the integrally formed mounting structure comprises an inwardly extending protrusion.

5. The method defined in Claim 4 wherein the inwardly extending protrusion is shaped to support an engine of the vehicle.

6. The method defined in Claim 1 wherein the second side rail is hydroformed so as to have a second integrally formed mounting structure.

7. The method defined in Claim 6 wherein the second integrally formed mounting structure comprises an aperture formed through the second side rail.

8. The method defined in Claim 7 wherein the aperture is formed at a location corresponding to one of a front bumper bracket, a sheet metal bracket, a control arm bracket, a front cab mount, a front box mount, a rear spring front bracket, an intermediate box bracket, a rear spring rear bracket and a rear bumper bracket.

9. The method defined in Claim 6 wherein the integrally formed mounting structure comprises an inwardly extending protrusion.

10. The method defined in Claim 9 wherein the inwardly extending protrusion is shaped to support an engine of the vehicle.

11. A method for manufacturing a ladder frame assembly using a hydroforming operation comprising the steps of:

(a) hydroforming a first side rail so as to have a first integrally formed mounting structure;